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SHGN-19

#3

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : Not Yet Assigned  
Group : Not Yet Assigned  
Applicants : Kaoru Seno et al.  
Application No. : Not Yet Assigned  
Confirmation No. : Not Yet Assigned  
Filed : Concurrently Herewith  
For : PYRAZOLO[1,5-a]PYRIMIDINE DERIVATIVE AND  
NAD(P)H OXIDASE INHIBITOR CONTAINING THE  
SAME

New York, New York  
October 19, 2004

**Mail Stop PCT**  
Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, applicants hereby make of record the documents listed in the accompanying Form PTO-1449. Copies of these documents and a completed Form PTO-1449 listing all of the documents in alphabetical order are enclosed herewith.

United States Patent Applications

<u>Patent No.</u>	<u>Date</u>	<u>Inventor</u>
4,918,074	April 17, 1990	Tsuda et al.

4,992,442	February 12, 1991	Tsujitani et al.
5,478,838	December 26, 1995	Arita et al.
5,888,941	March 30, 1999	Bartroli et al.
6,229,011	May 8, 2001	Chen et al.
2001/0025047 A1	September 27, 2001	Levin et al.
2001/0046989 A1	November 29, 2001	Levin et al.
2002/0132826 A1	September 19, 2002	Levin et al.

Foreign Patent Applications

<u>Publication No.</u>	<u>Publication Date</u>	<u>Country</u>
07-267960	October 17, 1995	Japan
2001-302666	October 31, 2001	Japan
1 568 962	June 11, 1980	Great Britain
1 579 362	November 19, 1980	Great Britain
WO 99/10313	March 4, 1999	PCT
WO 99/18076	April 15, 1999	PCT
WO 99/59526	November 25, 1999	PCT
WO 01/90101	November 29, 2001	PCT
WO 02/24613	March 28, 2002	PCT
WO 02/28820	April 11, 2002	PCT

Articles

Bartroli et al., "New Azole Antifungals. 2. Synthesis and Antifungal Activity of Heterocyclecarboxamide Derivatives of 3-Amino-2-aryl-1-azolyl-2-butanol," *J. Med. Chem.*, 41:1855-1868 (1998).

Checchi et al., "5-Aminopyrazole derivatives. III. Acids of pyrazopyrimidine, pyrazopyridone, pyrazopyridine, and some derivatives," *Gazzetta Chimica Italiana*, 86:631-645 (1956) (with attached English-language abstract).

Checchi et al., "Derivatives of 5-aminopyrazole. IV. Synthesis of heterocyclic derivatives," *Gazzetta Chimica Italiana*, 87:597-614 (1957) (with attached English-language abstract).

Elworthy et al., "N-Arylpiperazinyl-N'-propylamino Derivatives of Heteroaryl Amides as Functional Uroselective  $\alpha_1$ -Adrenoceptor Antagonists," *J. Med. Chem.*, 40:2674-2687 (1997).

Mustazza et al., "Synthesis of Pyrazolo[1,5-a]-1,2,4-Triazolo[1,5-a]-and Imidazo[1,2-a]pyrimidines Related to Zaleplon, a New Drug for the Treatment of Insomnia," *J. Heterocyclic Chem.*, 38:1119-1129 (2001).

Novinson et al., "Synthesis and Antifungal Properties of Certain 7-Alkylaminopyrazolo[1,5-a]pyrimidines," *Journal of Medicinal Chemistry*, 20(2):296-299 (1977).

Takamizawa et al., "Studies on Pyrimidine Derivatives and Related Compounds, LIX. Syntheses of 2,3-Dihydro-1H-pyrazolo[5,1-b]purin-2-ones," *Chem. Pharm. Bull.*, 16(11):2195-2199 (1968).

These references were cited in the International Search Report or in Form PCT/IPEA/409 (copies enclosed) of PCT/JP03/05024, the parent international application for the above-identified application. English-language abstracts of the two Japanese patent publications and two Italian-language articles are provided.

Applicants respectfully request (1) that these documents be considered by the Examiner prior to issuance of any patent from this application; and (2) that a list of these documents be printed on any patent that may issue from this application. Applicants also request that a copy of enclosed Form PTO-1449, as considered and initialed by the Examiner, be returned to the undersigned with the next communication.

This Statement is being submitted concurrently with the national stage application of PCT/JP03/05024 and hence is submitted within the three months of entry into national stage. Therefore, no fee is required in connection with this Statement. However, if for any reason a fee is due, the Director is hereby authorized to charge payment of any fees

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required in connection with this Statement to Deposit Account No. 06-1075. A duplicate copy of this Statement is transmitted herewith.

Respectfully submitted,

Jennifer Weissman

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Jennifer T. Weissman (Reg. No. 40,868)  
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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. SHGN-19	APPLN. NO. Not Yet Assigned
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Kaoru Seno et al.	
EV270263891US		FILING DATE Concurrently Herewith	GROUP ART UNIT Not Yet Assigned

## UNITED STATES. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,918,074	04/17/90	Tsuda et al.	514	258	
	4,992,442	02/12/91	Tsujitani et al.	514	267	
	5,478,838	12/26/95	Arita et al.	514	300	
	5,888,941	03/30/99	Bartroli et al.	504	262	
	6,229,011	05/08/01	Chen et al.	544	171	
	2001/0025047 A1	09/27/01	Levin et al.	514	310	
	2001/0046989 A1	11/29/01	Levin et al.	514	228.8	
	2002/0132826 A1	09/19/02	Levin et al.	514	311	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	07-267960	10/17/95	JP	C07D487	14		
	2001-302666	10/31/01	JP	C07D487	04		
	1 568 962	06/11/80	GB	C07D	499/68		
	1 579 362	11/19/80	GB	C07D	499/68		
	WO 99/10313	03/04/99	PCT	C07C	237/34		
	WO 99/18076	04/15/99	PCT	C07D	215/54		
	WO 99/59526	11/25/99	PCT	A61K	A2		
	WO 01/90101	11/29/01	PCT	C07D	401/06		
	WO 02/24613	03/28/02	PCT	C07C			
	WO 02/28820	04/11/02	PCT	C07C	233/80		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
	Bartroli et al., "New Azole Antifungals. 2. Synthesis and Antifungal Activity of Heterocyclecarboxamide Derivatives of 3-Amino-2-aryl-1-azolyl-2-butanol," <i>J. Med. Chem.</i> , 41:1855-1868 (1998).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

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	Novinson et al., "Synthesis and Antifungal Properties of Certain 7-Alkylaminopyrazolo[1,5-a]pyrimidines," <i>Journal of Medicinal Chemistry</i> , 20(2):296-299 (1977)
	Takamizawa et al., "Studies on Pyrimidine Derivatives and Related Compounds, LIX. Syntheses of 2,3-Dihydro-1H-pyrazolo[5,1-b]purin-2-ones," <i>Chem. Pharm. Bull.</i> , 16(11):2195-2199 (1968).

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